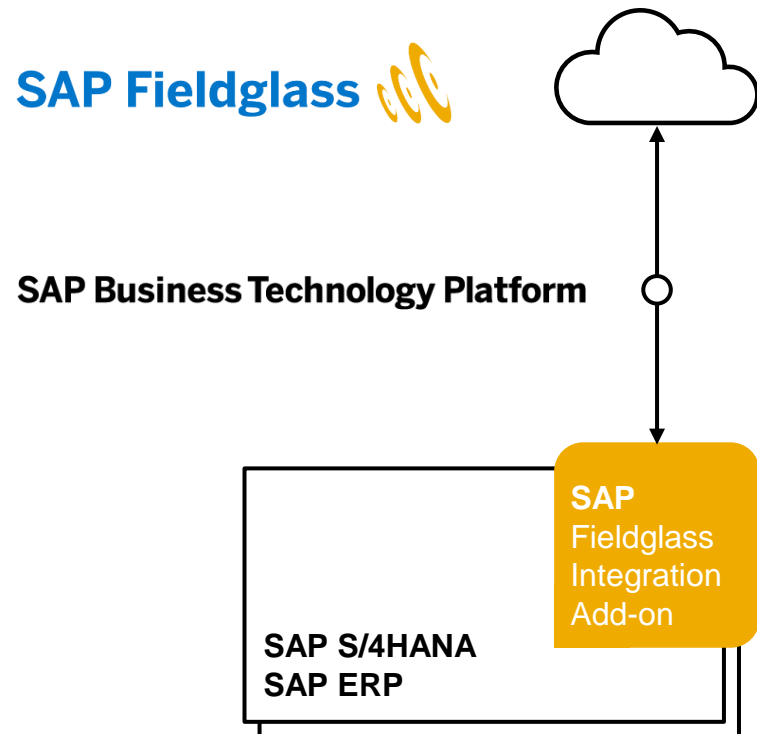# SAP Fieldglass
Integration Add-on for SAP S/4HANA and SAP ERP

Product Overview (FP02)
Update July 2021

PUBLIC

SAP Fieldglass now comes with ready-to-run integration for SAP S/4HANA and SAP ERP customers

SAP Fieldglass

SAP Business Technology Platform

SAP
Fieldglass
Integration
Add-on

SAP S/4HANA
SAP ERP

- For master data and transactional data

- Real-time connectivity + code-less integration

- Add-on for SAP ERP 6.0 and SAP S/4HANA

- No separate server required

- Extensible, for custom data + requirements

- Available with 'ERP Editions' of SAP Fieldglass

  - Services Procurement

  - Contingent Workforce Management

  - Assignment Management

- Uses SAP NetWeaver Event-enablement Add-on and the Event Mesh service on SAP Business Technology Platform

End-to-end procurement processes with SAP Fieldglass

Scope of the SAP Fieldglass Integration Add-on

- Master data, accounting data, organizational data, suppliers, users
- PRs and POs
- Approvals
- Service Entry Sheets
- Invoices and credit memos
- Outline agreements/contracts
- Worker record download
- SAP Plant Maintenance integration
- SoWs initiated by purchase requisitions
- Multi-backend connectivity possible
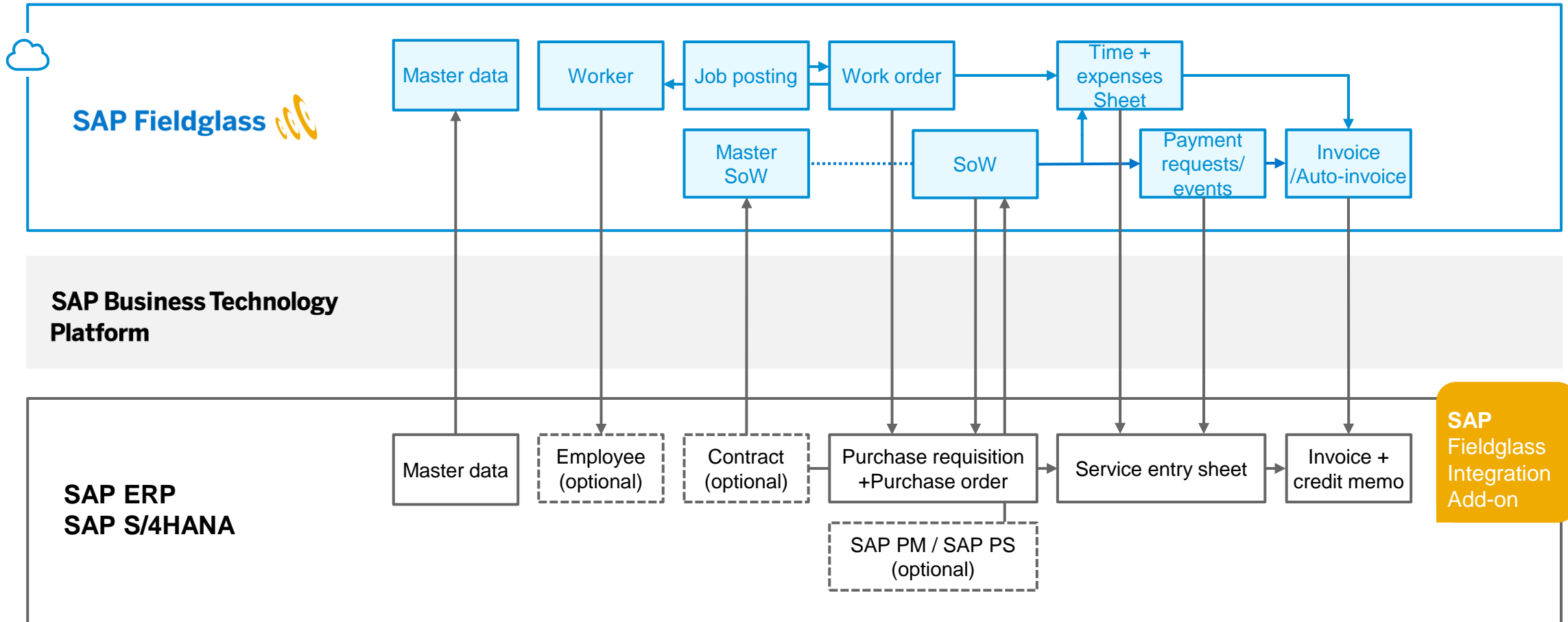- Extensible with enhancement spots, custom data and custom coding

SAP Fieldglass Contingent Workforce Management and Service Procurement – Integration flow

Picture does not show revision and status update processes. Dotted lines = optional integration scenarios

SAP Fieldglass Contingent Workforce Management and Service Procurement – Integration flow

Picture does not show revision and status update processes. Dotted lines = optional integration scenarios

SAP Fieldglass Assignment Management – Integration flow

SAP Fieldglass

| Master data | | Assignment | → | Service receipt |

SAP Business Technology Platform

SAP ERP SAP S/4HANA

| Master data | | Purchase order | → | Service Entry Sheet | | Invoice | | **SAP** Fieldglass Integration Add-on |

Picture does not show revision and status update processes.
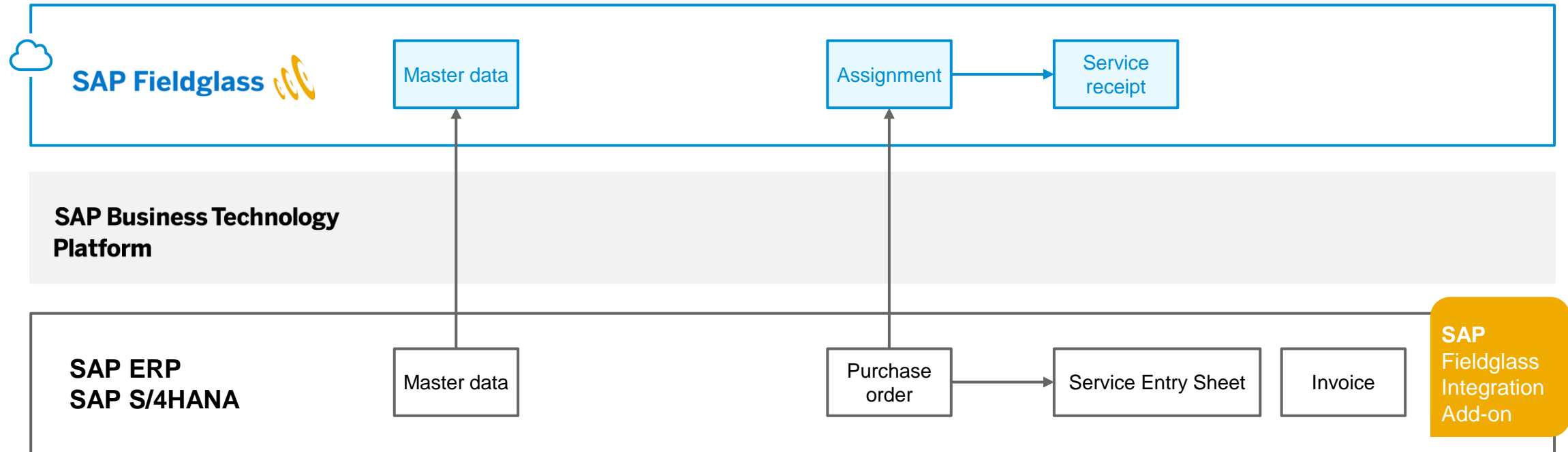
Code-less integration approach – easy to implement, adopt and operate

- **Add-on** for SAP NetWeaver® systems, easy to implement, adopt and operate

- Can be fully **configured in SAP Customizing Implementation Guide**

- Comes with an extensive **monitoring application**

- Uses **SAP Business Technology Platform** Integration Service and Event Mesh Service
  (Customers can choose between a complimentary SAP Fieldglass-provided instance or use their own)

- SAP supports customer during installation, connectivity set-up and initial configuration with **SAP Fieldglass Deployment Services**
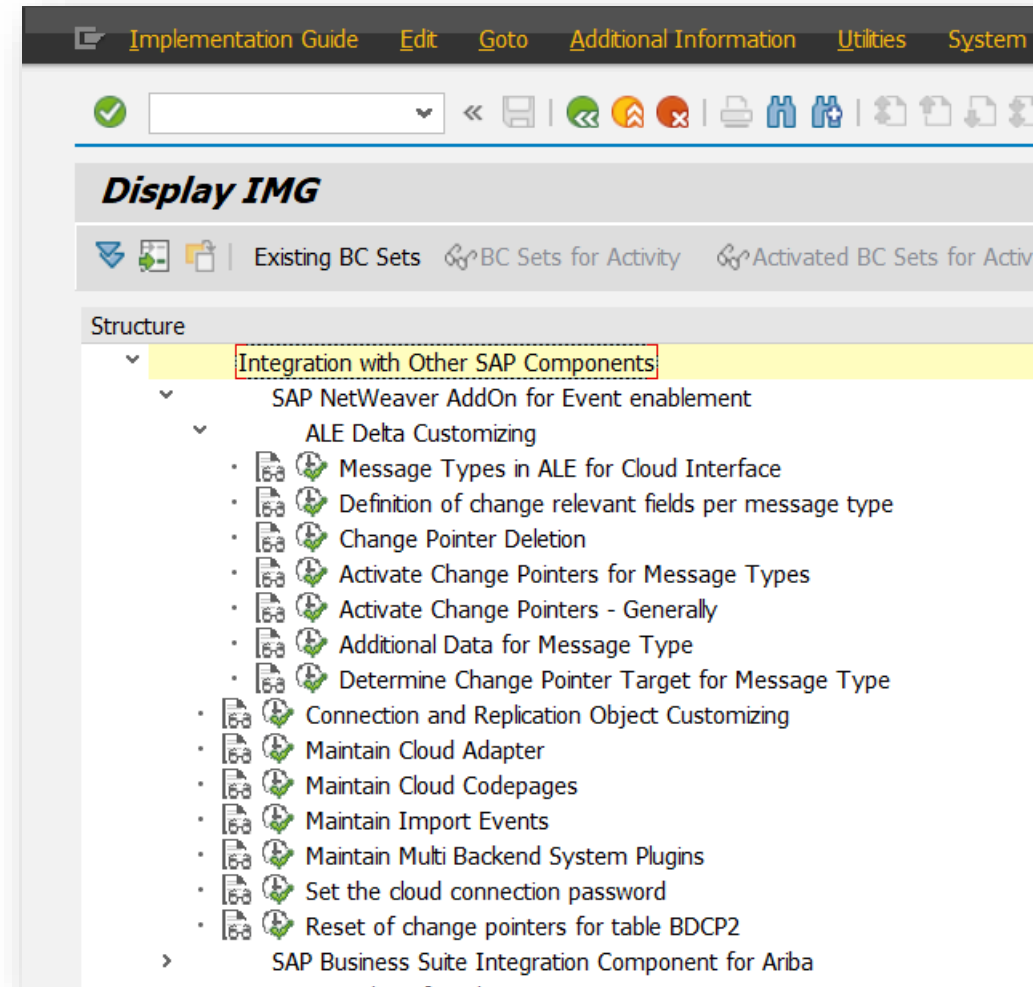
Master data integration options

SAP Fieldglass object	Configuration options	Special features
Legal Entities	Company codes (code and description)	Filter function available, to restrict list of company codes
Business Units	❑ Purchasing organizations from SAP system ❑ Organizational units from SAP system ❑ Company codes from SAP system	Only purchasing organizations assigned to the selected company codes ('Legal Entities') will be uploaded
Sites	Plants (code and description)	Filter function available, to restrict list of plants
Locations	❑ Storage locations ❑ EHS work areas	Work areas from SAP EHS are supported
Users and roles	❑ Users ❑ Roles, mapped to SAP Fieldglass roles	Fully manage your SAP Fieldglass users with established SAP user management processes
⏱ **Suppliers**	❑ Upload existing suppliers ❑ Auto-invite existing suppliers	Mark vendors for upload, using vendor classification: 'Temp. Labor" for Contingent Workforce, 'SoW Worker' for Services Procurement, or both.
⏱ **Cost objects**	❑ Cost centers ❑ WBS elements ❑ Internal orders ❑ Network activities ❑ PM orders	Considers relation of accounting objects to company code
⏱ **G/L accounts**	G/L accounts	Considers relation of G/L accounts to company codes
Task codes	Company codes + Task codes	Creates task codes from company codes and G/L accounts

⏱ supports real-time connectivity

Built-in monitoring application

The Monitor App can cross-connect to other add-on installations within your landscape, for central monitoring of all interfaces.

Get **analytical** insights with graphics on Interfaces, data volume, messages etc.
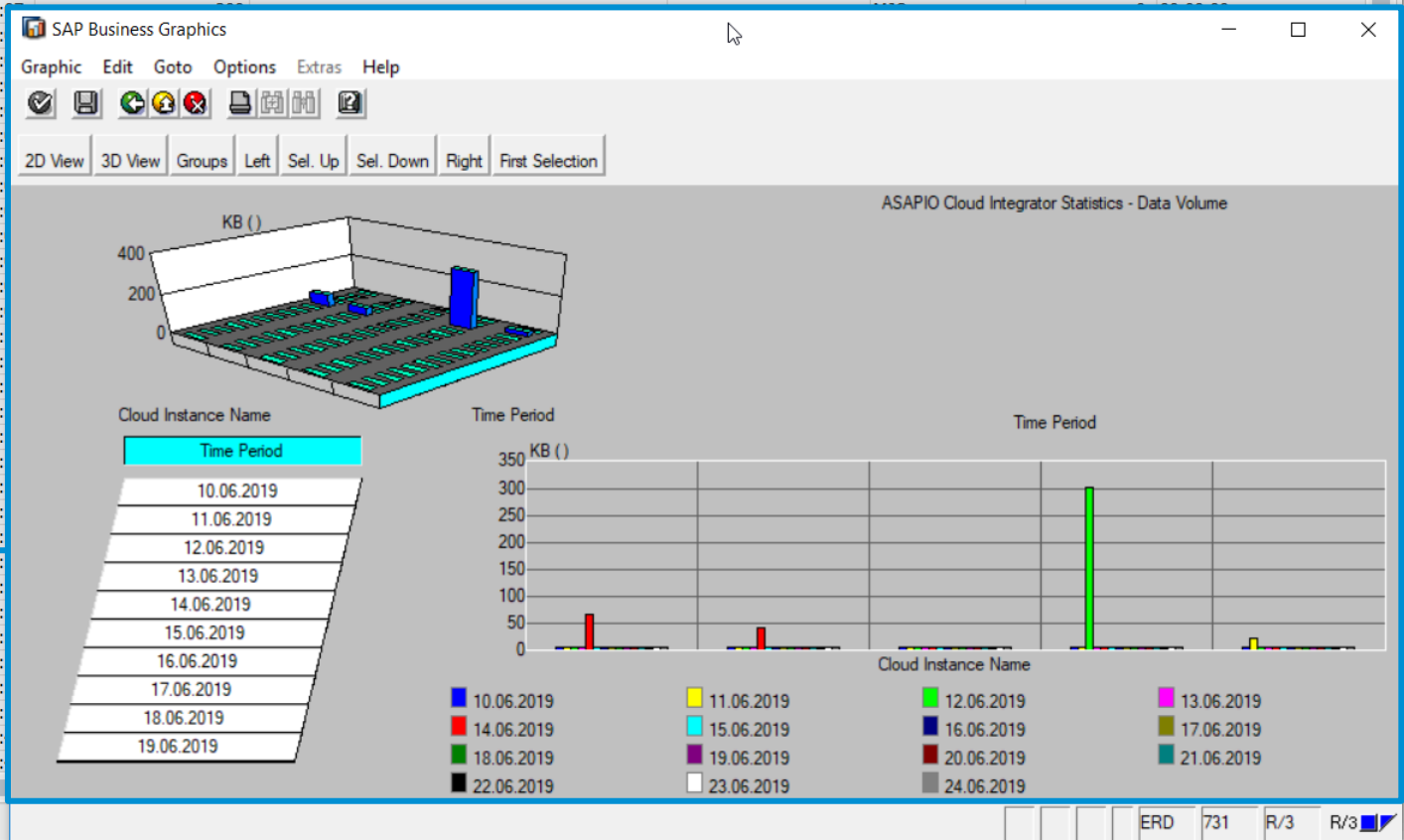
Best practice with scalable integration scope

SAP Fieldglass® Integration Add-on comes as a full-featured package, with many options.

You can choose the appropriate integration scenario – during the SAP supported deployment phase or after.

Available scenarios are:

- **Master data & invoice** integration only
- **Procurement** integration scenario, including master data and full procurement process integration
- **Plant Maintenance** integration scenario, including above plus SAP backend-initiated processes, e.g. creating SoWs from SAP Plant Maintenance orders.
- Optional additional scenarios: **Contract/Master SoW integration, Worker/HCM integration**

→ All integration scenarios come with '**Recommended Solution Settings',** to reduce project effort and risk, while leaving you all options for future scalability.

Real-time Integration – now available for SAP Fieldglass
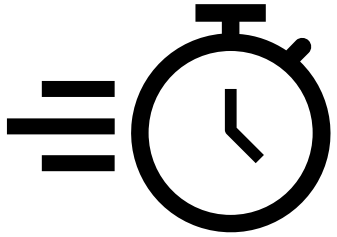
Event-driven real-time integration, **leveraged by the Event Mesh service on SAP Business Technology Platform**

✓ Always the latest master-data in SAP Fieldglass. New or changed data is instantly available.

✓ Currently supported for suppliers, cost objects and G/L accounts

✓ Faster process flow between SAP Fieldglass and SAP backend systems:

- Approval/rejection of PR/PO immediately triggers approval/rejection of Workorder or SoW

- Rejection of PR/PO due to blocked vendor, errors etc. immediately triggers rejection of Workorder or SoW

- Invoice posting status updates are immediately returned to SAP Fieldglass invoices

SAP HCM Integration
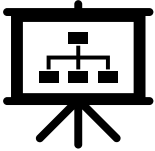
Integrate Workers from SAP Fieldglass Contingent Workforce Management with SAP HCM system/module

- supports separate SAP HCM systems + HCM modules running within SAP ERP or SAP S/4HANA
- the integration is triggered by the following actions in SAP Fieldglass for an employee:
  - Hire
  - Change
  - Terminate
  - Re-hire
- the employee data record is transferred to the SAP system
- required positions and jobs are created/updated/deleted in the organizational structure
- attributes of the worker are stored in the corresponding SAP HCM 'infotypes'
- one SAP employee is created/updated/deleted per employee
- the created SAP personnel number is reported back to SAP Fieldglass

Easily on-board existing suppliers, with 'Auto-invite'

Easily on-board your existing suppliers by e-mail invitation: existing vendor data is uploaded and completed through supplier

- the Add-on can upload all SAP suppliers classified/marked as relevant for SAP Fieldglass processes
- vendor master in SAP Fieldglass with reference to the SAP supplier ID is created automatically
- if auto-invite option was selected, an invitation email gests sent to the first supplier contact person
- supplier clicks link in e-mail and registers with SAP Fieldglass
- master record is created in SAP Fieldglass, with reference to SAP supplier ID
- supported data:
  - SAP supplier ID
  - supplier name
  - primary street address of supplier
  - first and last name + email address of primary contact person

Deployment services
and installation info

Deployment services for the SAP Fieldglass Integration Add-on

SAP supports SAP Fieldglass customers in implementation of the Integration Add-on

- Deployment services are included in the subscription fees of SAP Fieldglass 'ERP Editions'

- Part of deployment services for SAP Fieldglass solutions in scope

- System access required, via SAP Support connectivity

- Kick-off meeting + up to 4 weeks support (remote), within the standard deployment services timeline

Phase	Discover	Prepare	Explore	Realize	Deploy	Run
Deployment Services for Contingent Workforce Management or Services Procurement	2 weeks	3 weeks	8 weeks	5 weeks	4 weeks	6 weeks
Deployment Services for Integration Add-on		Kick-off meeting		4 weeks		

Scope of Deployment Services
for the SAP Fieldglass Integration Add-on

Activities:

- Integration Workshop, with presentation and explanation of the Scoping Questionnaire and config options
- Installation support for the Add-on on 1 SAP backend development or test system
- Activation and configuration of connectors in 1 SAP Fieldglass test tenant
- Preparation support for transport to the SAP backend production system
- Activation and configuration of connectors in 1 SAP Fieldglass production tenant
- Support the resolution of Add-on-related issues and questions during implementation and testing phase

Important: installation and configuration on additional systems (e.g. SAP HCM) is not in scope of the Deployment Services

Technical info for the SAP Fieldglass Integration Add-on

- The add-on is installed and operated within the supported SAP NetWeaver systems
- No separate server required
- Uses 'Integration' and 'Event Mesh' services on SAP Business Technology Platform
- Some integration points require inbound push integration from SAP BTP, using SAP Cloud Connector
- Standard 'Integration Flows' are available for download at https://api.sap.com
- Activation of SAP Business Function 'LOG_MM_CI_2' required (except for SAP HCM systems)
- System requirements for installation (SAP ERP 6.0 EhP6+, SAP S/4HANA 1610+ and SAP HCM systems)

SAP Component	Release	SP	Package	Description
SAP_BASIS	731	0002	SAPKB73102	SAP Basis Component
SAP_ABA	731	0002	SAPKA73102	Cross-Application Component
SAP_APPL	606	0002	-	SAP ECC 6.0 EhP 6
ASANWEE	100	0003	-	SAP NetWeaver Event-enablement Add-on

Please check SAP Product Availability Matrix and SAP Help for latest information

Extensibility
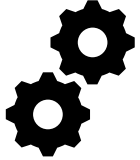
SAP Fieldglass Integration Add-on offers a variety of extensibility options

❑ Enhancements spots/BAdIs allow custom-specific process adoptions

❑ Conversion exits, for custom data changes on field-level

❑ Build additional custom interfaces with ease, and manage them with built-in configuration and monitoring options

Further Information

- SAP Help documentation:
  https://help.sap.com/viewer/e745d2cc4d114bbf92d2eea49eda9af4/1.0/en-US

- SAP Release Notes: SAP Note 2927040, SAP Note 2927114

- The software can be found on SAP Support Portal (search for 'ASANWEE' and 'ASAFGEE') at
  https://launchpad.support.sap.com/#/softwarecenter

- ASAPIO info page: https://asapio.com/fieldglass

Disclaimer

These documents are provided by Asapio GmbH & Co. KG (hereinafter ASAPIO) and are for informational purposes only. ASAPIO assumes no liability or warranty for errors or omissions in this publication. ASAPIO only provides products and services as expressly set forth in the agreement for the respective products and services. None of the information contained herein is to be interpreted as an additional guarantee.

In particular, ASAPIO is under no obligation to follow any of the business operations outlined in this publication or any accompanying presentation, or to develop or publish features hereof.

The information contained in this publication does not constitute a promise, promise or legal obligation to deliver software. All forward-looking statements involve various risks and uncertainties that could cause actual results to differ materially from expectations. The forward-looking statements reflect the point in time when they were made. The reader is advised not to give excessive weight to these statements or to rely on them when making purchasing decisions.

Trademark Information

SAP, SAP S/4HANA, SAP SRM, SAP ERP, SAP Business Suite, SAP Ariba, SAP Fieldglass and other SAP product or technology names are the trademarks or registered trademarks of SAP SE in Germany and several other countries.

All other product and company names are trademarks™ or registered® trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them.

Contact

ASAPIO GmbH & Co. KG
Landsberger Str. 400
81241 Munich, Germany

Email info@asapio.com
Web https://asapio.com
Phone +49 89 4520-744-0

Legal info: ASAPIO GmbH & Co KG; Registered Office: Landsberger Strasse 400, 81241 Munich, Germany; Register Court: Munich District Court, HRA 83413; Individually liable associate: Asapio GmbH, Register Court: Munich District Court, HRB 150613; Managing Directors: Ralph Altmeier, Peter Holtkamp, Lothar Steinrücken.

Additional Info

Scope details for Procurement integration

Features for Workorders + SoWs:

- WOs and SoWs create SAP PRs

- optionally: create PO directly

- optionally: trigger approval process in SAP

Features regarding SAP item types:

- SAP item type 'D' (services) is required

- limit amounts can be used

- service lines can be used

Features for WO+ SoW revisions:

- create a PR with deltas only

- optionally: direct PO update

Features for SES creation:

- 1 line in FG timesheet results in 1 line in SAP SES ('Multiline SES')

- for contingent work timesheets, the FG timesheet is summed up to 1 line item in SAP SES (per default)

Features for SES revisions:

- timesheets + payment requests for SoW: old SES are revoked/deleted and created newly

- if a revision means reduction of amounts/values in SAP invoice, a subsequent credit document is created to adjust the initial SAP invoice.

- if a revision means increase of amounts/values in SAP invoice, an additional SAP invoice is created

- expense sheets do not support revisions currently (instead, the FG invoice is changed and transferred to SAP)

Scope details for Plant Maintenance integration

Features for SAP Plant Maintenance (PM) Orders:

- Selection criteria for relevant PM orders for SAP Fieldglass integration can be configured

- PM order operations create a PR
  - one PR line item results in one FG SoW
  - PM orders integrate to SoW only, not to workorders

- revisions can be performed through new PM order operations (with a reference to the initial operation)

- FG vendor id is required in SAP supplier master record

Features for SAP Project System (PS) Networks:

- Selection criteria for relevant PS network activities for SAP Fieldglass integration can be configured

- PS network activities create a PR
  - one PR line item results in one FG SoW
  - PS network activities integrate to SoW only, not to workorders

- revisions can be performed through new PS network activities (with a reference to the initial operation)

- FG vendor id is required in SAP supplier master record

Scope details for Assignment Management integration

Features for PO integration:

- SAP purchase order creates "Assignment" in SAP Fieldglass

- Item type "Service" required

- Each purchase order item creates an "Assignment" object

Features for Master data integration:

- See scope for Contingent Workforce Management, slide #8